

09/998, 195 sk.

***** STN Columbus *****

FILE 'HOME' ENTERED AT 14:25:58 ON 17 JUL 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:26:16 ON 17 JUL 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JUL 2007 HIGHEST RN 942468-13-5

DICTIONARY FILE UPDATES: 16 JUL 2007 HIGHEST RN 942468-13-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

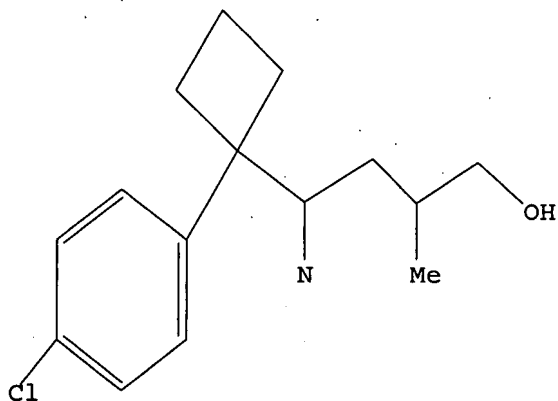
Uploading C:\Program Files\Stnexp\Queries\09998195.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:26:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s l1 ful
FULL SEARCH INITIATED 14:26:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 99 TO ITERATE

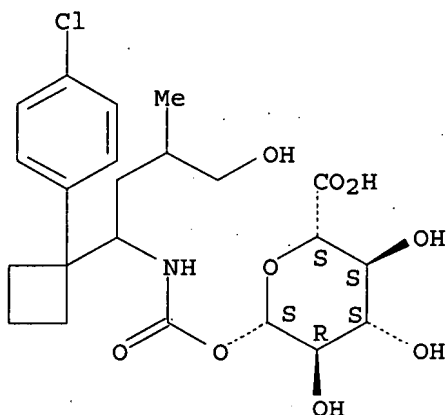
100.0% PROCESSED 99 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.01

L3 25 SEA SSS FUL L1

=> d l3 1-25

L3 ANSWER 1 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 933068-04-3 REGISTRY
ED Entered STN: 29 Apr 2007
CN β -D-Glucopyranuronic acid, 1-[N-[1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]carbamate] (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H30 Cl N O9
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



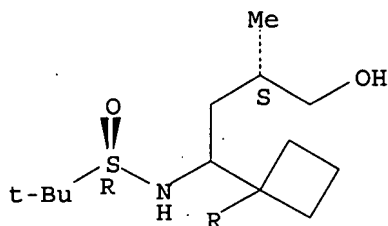
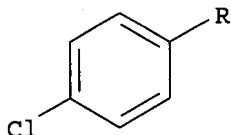
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435344-34-6 REGISTRY
ED Entered STN: 01 Jul 2002
CN 2-Propanesulfinamide, N-[(3R)-1-[1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl-, [S(R)]- (9CI) (CA INDEX NAME)

FS STEREOSEARCH
 MF C19 H30 Cl N O2 S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

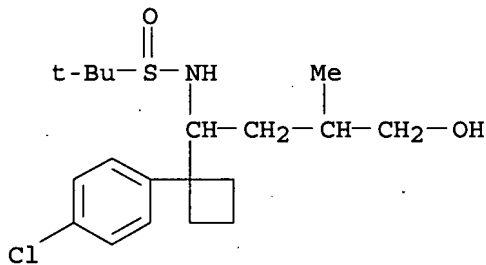
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435344-28-8 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN 2-Propanesulfinamide, N-[1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl- (9CI) (CA INDEX NAME)
 MF C19 H30 Cl N O2 S
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



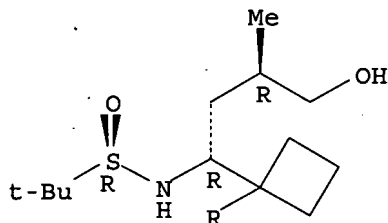
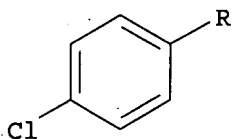
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435344-05-1 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN 2-Propanesulfinamide, N-[(1R,3R)-1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl-, [S(R)]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH

MF C19 H30 Cl N O2 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.

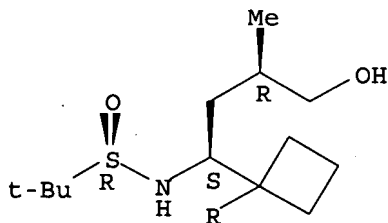
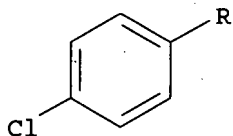


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435344-04-0 REGISTRY
ED Entered STN: 01 Jul 2002
CN 2-Propanesulfinamide, N-[(1S,3R)-1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl-, [S(R)]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H30 Cl N O2 S
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



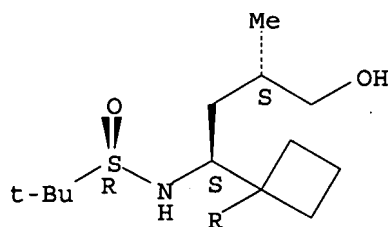
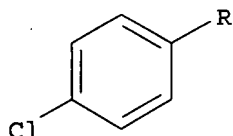
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 6 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435344-03-9 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN 2-Propanesulfinamide, N-[(1S,3S)-1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl-, [S(R)]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H30 Cl N O2 S
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.

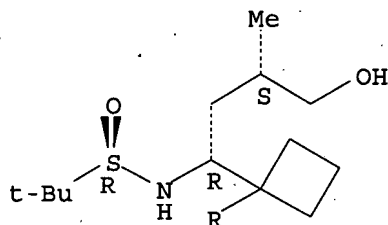
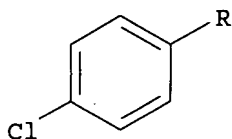


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 7 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435344-02-8 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN 2-Propanesulfinamide, N-[(1R,3S)-1-[1-(4-chlorophenyl)cyclobutyl]-4-hydroxy-3-methylbutyl]-2-methyl-, [S(R)]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C19 H30 Cl N O2 S
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

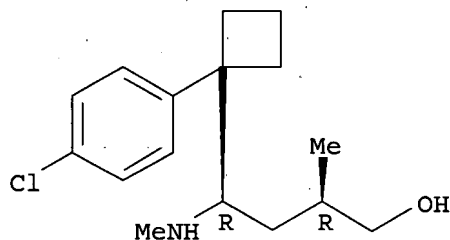
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 8 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-74-1 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)-β-methyl-δ-(methylamino)-
, (βR,δR)-, (2R,3R)-2,3-dihydroxybutanedioate (1:1) (salt)
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O . C4 H6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-73-0
CMF C16 H24 Cl N O

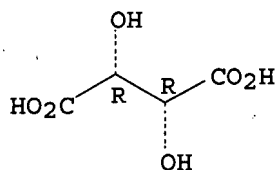
Absolute stereochemistry.



CM 2

CRN 87-69-4
CMF C4 H6 O6

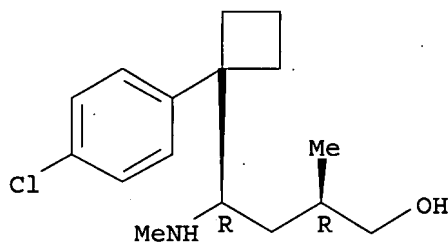
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 9 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-73-0 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)- β -methyl- δ -(methylamino)-
, (BR, δ R) - (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

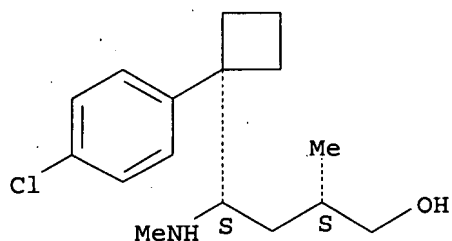
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-72-9 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)- β -methyl- δ -(methylamino)-
, (β S, δ S)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (salt)
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O . C4 H6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-71-8
CMF C16 H24 Cl N O

Absolute stereochemistry.

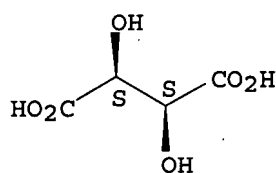


CM 2

CRN 147-71-7

CMF C4 H6 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 11 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN

RN 435343-71-8 REGISTRY

ED Entered STN: 01 Jul 2002

CN Cyclobutanebutanol, 1-(4-chlorophenyl)-β-methyl-δ-(methylamino)-
, (βS,δS)-(9CI) (CA INDEX NAME)

FS STEREOSEARCH

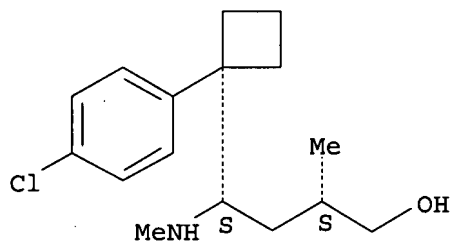
MF C16 H24 Cl N O

CI COM

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 12 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN

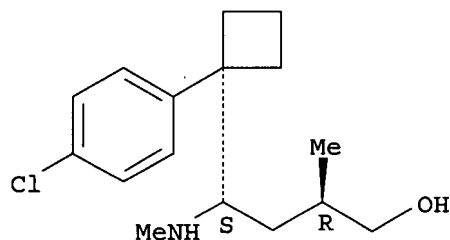
RN 435343-70-7 REGISTRY

ED Entered STN: 01 Jul 2002

CN Cyclobutanebutanol, 1-(4-chlorophenyl)-β-methyl-δ-(methylamino)-

, hydrochloride, (β R, δ S) - (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (435343-69-4)

Absolute stereochemistry.

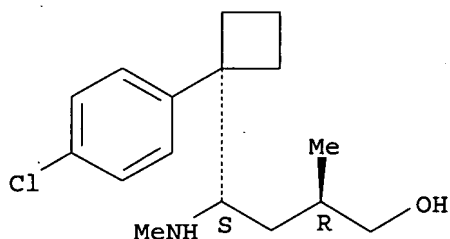


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 13 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-69-4 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)- β -methyl- δ -(methylamino)-
; (β R, δ S) - (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



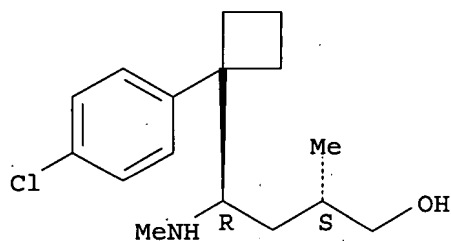
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 14 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-68-3 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)- β -methyl- δ -(methylamino)-
hydrochloride, (β S, δ R) - (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O . Cl H

SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (435343-67-2)

Absolute stereochemistry.

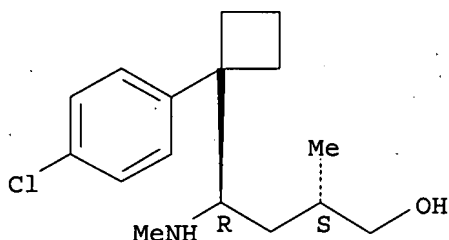


● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 15 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-67-2 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 1-(4-chlorophenyl)- β -methyl- δ -(methanimino)-
, (β S, δ R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C16 H24 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

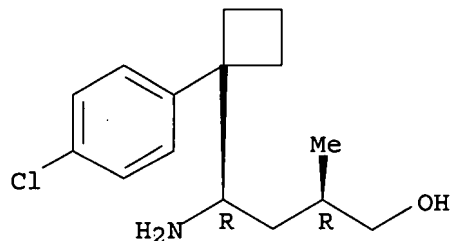
L3 ANSWER 16 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-66-1 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, δ -amino-1-(4-chlorophenyl)- β -methyl-,
(β R, δ R)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (salt) (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . C4 H6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-65-0

CMF C15 H22 Cl N O

Absolute stereochemistry.

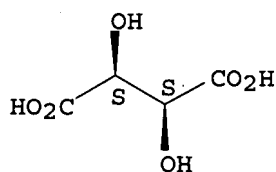


CM 2

CRN 147-71-7

CMF C4 H6 O6

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 17 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN

RN 435343-65-0 REGISTRY

ED Entered STN: 01 Jul 2002

CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)-β-methyl-,
(βR,δR)- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

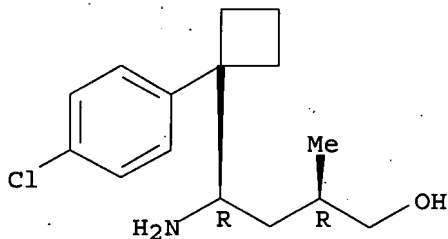
MF C15 H22 Cl N O

CI COM

SR CA

LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

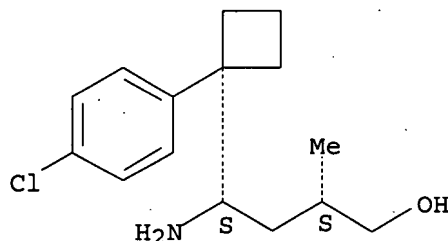
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 18 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-64-9 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)- β -methyl-,
(β S, δ S)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (salt) (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . C4 H6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-63-8
CMF C15 H22 Cl N O

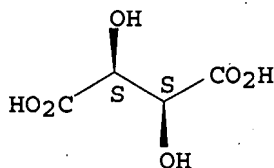
Absolute stereochemistry.



CM 2

CRN 147-71-7
CMF C4 H6 O6

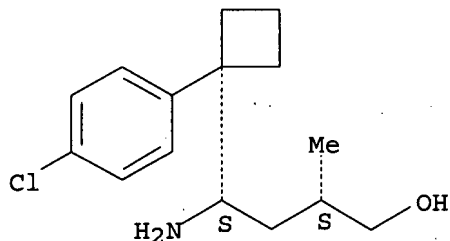
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 19 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-63-8 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)- β -methyl-,
(β S, δ S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

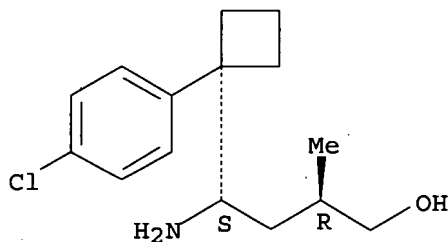
2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 20 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-61-6 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)- β -methyl-,
(β R, δ S)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (salt) (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . C4 H6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-60-5
CMF C15 H22 Cl N O

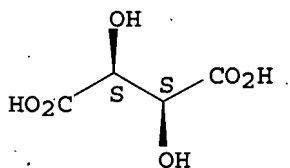
Absolute stereochemistry.



CM 2

CRN 147-71-7
CMF C4 H6 O6

Absolute stereochemistry.

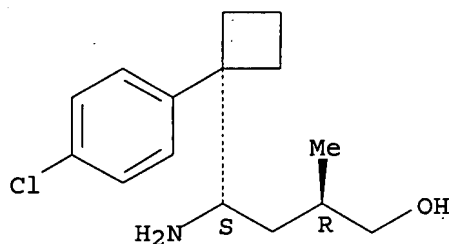


1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 21 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435343-60-5 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)- β -methyl-,
 (β R, δ S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C15 H22 Cl N O
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

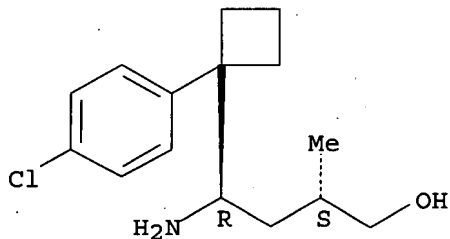
2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 22 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435343-59-2 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)- β -methyl-,
 (β S, δ R)-, (2S,3S)-2,3-dihydroxybutanedioate (1:1) (salt), (9CI)
 (CA INDEX NAME)
 FS STEREOSEARCH
 MF C15 H22 Cl N O . C4 H6 O6
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

CM 1

CRN 435343-58-1
 CMF C15 H22 Cl N O

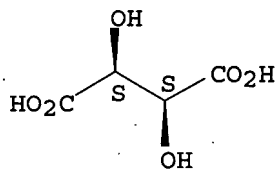
Absolute stereochemistry.



CM 2

CRN 147-71-7
CMF C4 H6 O6

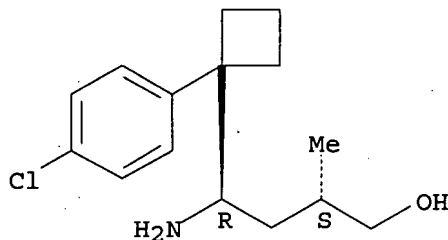
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 23 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-58-1 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)-β-methyl-,
(βS,8R) - (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

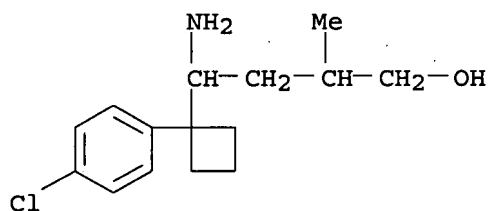
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

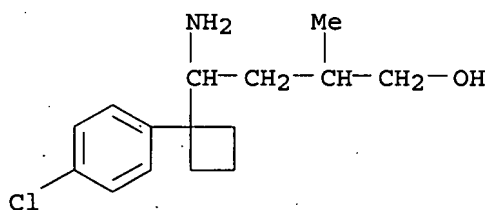
L3 ANSWER 24 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 186521-88-0 REGISTRY
ED Entered STN: 27 Feb 1997
CN Cyclobutanebutanol, 8-amino-1-(4-chlorophenyl)-β-methyl-,
hydrochloride (9CI) (CA INDEX NAME)
MF C15 H22 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS
CRN (186521-83-5)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 25 OF 25 REGISTRY COPYRIGHT 2007 ACS on STN
RN 186521-83-5 REGISTRY
ED Entered STN: 27 Feb 1997
CN Cyclobutanebutanol, δ -amino-1-(4-chlorophenyl)- β -methyl- (9CI)
(CA INDEX NAME)
MF C15 H22 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
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=> file caplus
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
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| ENTRY | SESSION |
| 220.85 | 221.06 |

FULL ESTIMATED COST

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FILE COVERS 1907 - 17 Jul 2007 VOL 147 ISS 4
FILE LAST UPDATED: 16 Jul 2007 (20070716/ED)

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<http://www.cas.org/infopolicy.html>

=> s l3

L4 4 L3

=> d l4 1-4

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:1047126 CAPLUS
DN 146:394249
TI Metabolite profile of sibutramine in human urine: a liquid
chromatography-electrospray ionization mass spectrometric study
AU Link, Marek; Hakala, Kati S.; Wsol, Vladimir; Kostiainen, Risto; Ketola,
Raimo A.
CS Department of Biochemical Sciences, Faculty of Pharmacy, Charles
University, Hradec Kralove, CZ 50005, Czech Rep.
SO Journal of Mass Spectrometry (2006), 41(9), 1171-1178
CODEN: JMSPFJ; ISSN: 1076-5174
PB John Wiley & Sons Ltd.
DT Journal
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE.FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:441904 CAPLUS
DN 143:133072
TI Control of Diastereoselectivity by Solvent Effects in the Addition of
Grignard Reagents to Enantiopure t-Butylsulfinimine: Syntheses of the
Stereoisomers of the Hydroxyl Derivatives of Sibutramine
AU Lu, Bruce Z.; Senanayake, Chris; Li, Nansheng; Han, Zhengxu; Bakale, Roger
P.; Wald, Stephen A.
CS Chemical Process Research and Development, Sepracor, Inc., Marlborough,
MA, 01752, USA
SO Organic Letters (2005), 7(13), 2599-2602
CODEN: ORLEF7; ISSN: 1523-7060
PB American Chemical Society
DT Journal
LA English
OS CASREACT 143:133072
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE.FORMAT

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:449632 CAPLUS
DN 137:20209
TI Preparation of hydroxylated sibutramine analogs as neuronal monoamine
uptake inhibitors
IN Senanayake, Chrisantha H.; Rubin, Paul D.; Jerussi, Thomas P.
PA Sepracor Inc., USA
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|-------|-----------------|-------|
| ----- | ---- | ----- | ----- | ----- |

PI WO 2002046138 A2 20020613 WO 2001-US47433 20011204
 WO 2002046138 A3 20030123
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 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
 UG, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002115727 A1 20020822 US 2001-998195 20011203
 CA 2436899 A1 20020613 CA 2001-2436899 20011204
 AU 2002039572 A5 20020618 AU 2002-39572 20011204
 EP 1353896 A2 20031022 EP 2001-987345 20011204
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2004523495 T 20040805 JP 2002-547877 20011204
 PRAI US 2000-250524P P 20001204
 US 2000-257052P P 20001222
 WO 2001-US47433 W 20011204
 OS CASREACT 137:20209; MARPAT 137:20209

 L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1996:713861 CAPLUS
 DN 126:143907
 TI Synthesis of sibutramine, a novel cyclobutylalkylamine useful in the
 treatment of obesity, and its major human metabolites
 AU Jeffery, James E.; Kerrigan, Frank; Miller, Thomas K.; Smith, Graham J.;
 Tometzki, Gerald B.
 CS Knoll Pharmaceuticals, Res. Development Dep., Nottingham, NG1 1GF, UK
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
 Bio-Organic Chemistry (1996), (21), 2583-2589
 CODEN: JCPRB4; ISSN: 0300-922X
 PB Royal Society of Chemistry
 DT Journal
 LA English
 OS CASREACT 126:143907
 RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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| | ENTRY | SESSION |
| FULL ESTIMATED COST | 6.13 | 227.19 |

FILE 'REGISTRY' ENTERED AT 14:28:33 ON 17 JUL 2007
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JUL 2007 HIGHEST RN 942468-13-5
 DICTIONARY FILE UPDATES: 16 JUL 2007 HIGHEST RN 942468-13-5

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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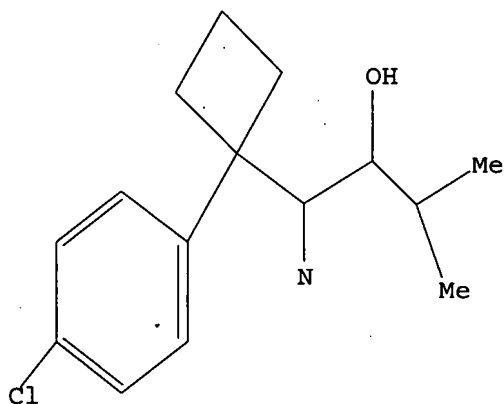
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L5 STRUCTURE UPLOADED

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L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 81 TO ITERATE

100.0% PROCESSED 81 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1081 TO 2159

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 ful

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FULL SCREEN SEARCH COMPLETED - 1611 TO ITERATE

100.0% PROCESSED 1611 ITERATIONS

10 ANSWERS

SEARCH TIME: 00.00.01

L7 10 SEA SSS FUL L5

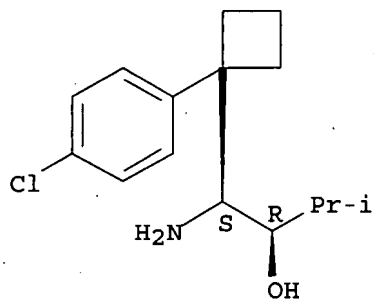
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L7 ANSWER 1 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN

RN 775278-41-6 REGISTRY

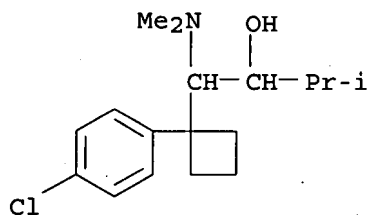
ED Entered STN: 05 Nov 2004
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 MF C15 H22 Cl N O
 CI COM
 SR CA

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

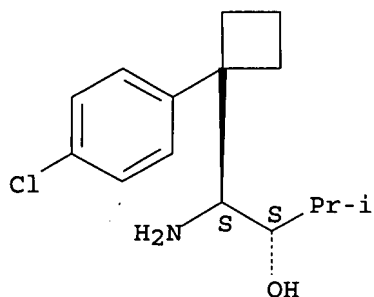
L7 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 757902-08-2 REGISTRY
 ED Entered STN: 06 Oct 2004
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 MF C17 H26 Cl N O
 CI COM
 SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 740792-77-2 REGISTRY
 ED Entered STN: 06 Sep 2004
 CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, (α S, β S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C15 H22 Cl N O
 CI COM
 SR CA

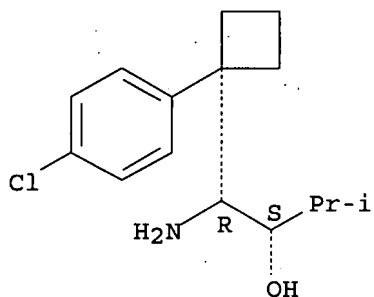
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435343-98-9 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, hydrochloride, (α S, β R) - (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C15 H22 Cl N O . Cl H
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL
 CRN (435343-97-8)

Absolute stereochemistry.

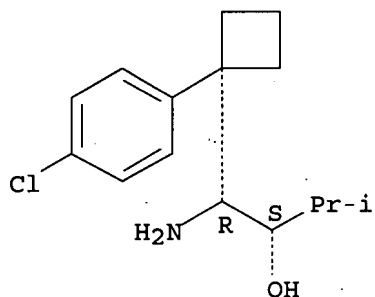


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1 REFERENCES IN FILE CA (1907 TO DATE)
 . 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 435343-97-8 REGISTRY
 ED Entered STN: 01 Jul 2002
 CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, (α S, β R) - (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
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 CI COM
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Absolute stereochemistry.

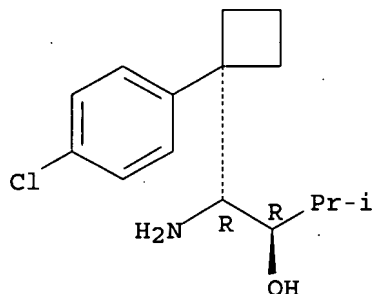


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 6 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-96-7 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, hydrochloride, (α R, β R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL
CRN (435343-95-6)

Absolute stereochemistry.

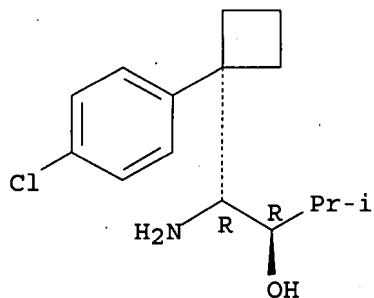


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 7 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-95-6 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, (α R, β R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

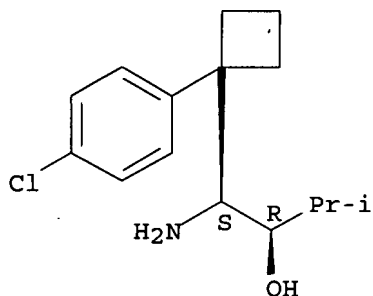


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 8 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-94-5 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, hydrochloride, (α R, β S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL
CRN (775278-41-6)

Absolute stereochemistry.

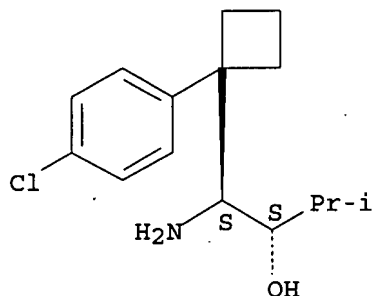


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 9 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
RN 435343-93-4 REGISTRY
ED Entered STN: 01 Jul 2002
CN Cyclobutaneethanol, β -amino-1-(4-chlorophenyl)- α -(1-methylethyl)-, hydrochloride, (α S, β S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H22 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL
CRN (740792-77-2)

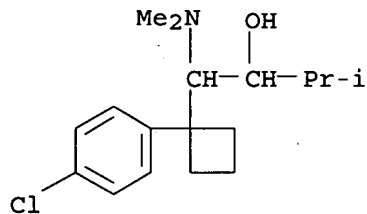
Absolute stereochemistry.



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1 REFERENCES IN FILE CA (1907 TO DATE)
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L7 ANSWER 10 OF 10 REGISTRY COPYRIGHT 2007 ACS on STN
RN 106080-04-0 REGISTRY
ED Entered STN: 10 Jan 1987
CN Cyclobutaneethanol, 1-(4-chlorophenyl)-β-(dimethylamino)-α-(1-methylethyl)-, hydrochloride (9CI) (CA INDEX NAME)
MF C17 H26 Cl N O . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (757902-08-2)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE | TOTAL |
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| ENTRY | SESSION |
| 191.60 | 418.79 |

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FILE LAST UPDATED: 16 Jul 2007 (20070716/ED)

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<http://www.cas.org/infopolicy.html>

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L8 0 L6

=> s 17

L9 2 L7

=> d 19 1-2

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:449632 CAPLUS
DN 137:20209
TI Preparation of hydroxylated sibutramine analogs as neuronal monoamine uptake inhibitors
IN Senanayake, Chrisantha H.; Rubin, Paul D.; Jerussi, Thomas P.
PA Sepracor Inc., USA
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--------------------------------------|--|----------|-----------------|----------|
| PI | WO 2002046138 | A2 | 20020613 | WO 2001-US47433 | 20011204 |
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| | US 2000-257052P | P | 20001222 | | |
| | WO 2001-US47433 | W | 20011204 | | |
| OS | CASREACT 137:20209; MARPAT 137:20209 | | | | |

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1987:119342 CAPLUS
DN 106:119342

TI (Arylcyclobutyl)alkylamines and their use as antidepressants
 IN Housley, John Rosindale; Jeffery, James Edward; Johnston, David Norman;
 Sargent, Bruce Jeremy
 PA Boots Co. PLC, UK
 SO Eur. Pat. Appl., 158 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN. CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI | EP 191542 | A1 | 19860820 | EP 1986-300059 | 19860107 |
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| | NO 163855 | B | 19900423 | | |
| | NO 163855 | C | 19900801 | | |
| | IL 77452 | A | 19910816 | IL 1985-77452 | 19851226 |
| | AU 8551725 | A | 19860724 | AU 1985-51725 | 19851230 |
| | AU 591390 | B2 | 19891130 | | |
| | DK 8600053 | A | 19860718 | DK 1986-53 | 19860107 |
| | AT 34976 | T | 19880615 | AT 1986-300059 | 19860107 |
| | FI 8600111 | A | 19860718 | FI 1986-111 | 19860110 |
| | ZA 8600262 | A | 19860827 | ZA 1986-262 | 19860114 |
| | DD 258004 | A5 | 19880706 | DD 1986-286215 | 19860115 |
| | PL 146910 | B1 | 19890331 | PL 1986-257486 | 19860115 |
| | DD 267727 | A5 | 19890510 | DD 1986-312979 | 19860115 |
| | PL 148184 | B1 | 19890930 | PL 1986-262502 | 19860115 |
| | HU 41713 | A2 | 19870528 | HU 1986-223 | 19860116 |
| | ES 550933 | A1 | 19870701 | ES 1986-550933 | 19860116 |
| | RO 93855 | B3 | 19880229 | RO 1986-121885 | 19860116 |
| | CS 258138 | B2 | 19880715 | CS 1986-342 | 19860116 |
| | CS 258149 | B2 | 19880715 | CS 1987-895 | 19860116 |
| | CS 258150 | B2 | 19880715 | CS 1987-896 | 19860116 |
| | JP 61197548 | A | 19860901 | JP 1986-7824 | 19860117 |
| | JP 02062543 | B | 19901226 | | |
| | CN 86100954 | A | 19860903 | CN 1986-100954 | 19860117 |
| | CN 1012733 | B | 19910605 | | |
| | ES 557444 | A1 | 19880216 | ES 1987-557444 | 19870316 |
| | ES 557445 | A1 | 19880216 | ES 1987-557445 | 19870316 |
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| | IN 165080 | A1 | 19890812 | IN 1987-MA550 | 19870731 |
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| | NO 165724 | B | 19901217 | | |
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| | US 1986-818547 | B3 | 19860113 | | |
| | US 1989-346252 | B1 | 19890501 | | |
| OS | MARPAT 106:119342 | | | | |